



RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/743,312

Source: P4/09

Date Processed by STIC: 8/1/2001

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

Fax 703-306-0530

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

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Checker Version 3.0

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Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).

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Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>



PCT09

RAW SEQUENCE LISTING

DATE: 08/01/2001

PATENT APPLICATION: US/09/743,312

TIME: 18:47:25

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Output Set: N:\CRF3\08012001\I743312.raw

pg 4-5
Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: BASS, James
4 JEANPLONG, Ferenc
5 KAMBADUR, Ravi
6 SHARMA, Mridula
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12 <140> CURRENT APPLICATION NUMBER: US/09/743,312
13 <141> CURRENT FILING DATE: 1999-07-07
15 <150> PRIOR APPLICATION NUMBER: PCT/NZ99/00107
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18 <160> NUMBER OF SEQ ID NOS: 2
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MEF2-site

E-box (2)

E-box (1)

delete

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/743,312

DATE: 08/01/2001

TIME: 18:47:26

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\08012001\I743312.raw

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L:297 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:7
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L:302 M:254 E: No. of Bases conflict, LENGTH:Input:6960 Counted:6967 SEQ:1
L:304 M:254 E: No. of Bases conflict, LENGTH:Input:7020 Counted:7027 SEQ:1
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L:310 M:254 E: No. of Bases conflict, LENGTH:Input:7200 Counted:7207 SEQ:1
L:312 M:254 E: No. of Bases conflict, LENGTH:Input:7260 Counted:7267 SEQ:1
L:314 M:254 E: No. of Bases conflict, LENGTH:Input:7320 Counted:7327 SEQ:1
L:316 M:254 E: No. of Bases conflict, LENGTH:Input:7380 Counted:7387 SEQ:1
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L:335 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:7
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VERIFICATION SUMMARY

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Input Set : A:\Seqlist.txt

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L:390 M:254 E: No. of Bases conflict, LENGTH:Input:9600 Counted:9614 SEQ:1
L:392 M:254 E: No. of Bases conflict, LENGTH:Input:9660 Counted:9674 SEQ:1
L:394 M:254 E: No. of Bases conflict, LENGTH:Input:9720 Counted:9734 SEQ:1
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L:401 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:7
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L:404 M:254 E: No. of Bases conflict, LENGTH:Input:10020 Counted:10041 SEQ:1
L:406 M:254 E: No. of Bases conflict, LENGTH:Input:10080 Counted:10101 SEQ:1
L:408 M:254 E: No. of Bases conflict, LENGTH:Input:10140 Counted:10161 SEQ:1
L:409 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:10168 SEQ:1
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L:412 M:254 E: No. of Bases conflict, LENGTH:Input:10260 Counted:10288 SEQ:1
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PCT09

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/743,312

DATE: 08/01/2001

TIME: 18:47:25

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\08012001\I743312.raw

pg 4-5

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: BASS, James
 4 JEANPLONG, Ferenc
 5 KAMBADUR, Ravi
 6 SHARMA, Mridula
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 10 <130> FILE REFERENCE: 30824/14
 12 <140> CURRENT APPLICATION NUMBER: US/09/743,312
 13 <141> CURRENT FILING DATE: 1999-07-07
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/743,312

DATE: 08/01/2001

TIME: 18:47:25

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\08012001\I743312.raw

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RAW SEQUENCE LISTING

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RAW SEQUENCE LISTING

DATE: 08/01/2001

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TIME: 18:47:25

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\08012001\I743312.raw

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262 attagaagtg gacatggaac aacagactgg ttccaaatag gaaaagggtg tgcgcaaggc 5760
264 tgtatattgt caccctgttt atttaacttc tatgcagagt acatcatgag aaacgctggg 5820
266 ctggaagaag cacaagctgg aatcaagatt tccgggagaa atatcaataa cctcagatat 5880
268 gcagatgaca ccacccttat ggcagaaagt gcagaggaaac taaaaagccc cttgatgaaa 5940
270 gtgaaagtgg agagtgaana agttggctta aatctcaaca ttcagaaaac gaagatcatg 6000
272 gcatccggtc ccatcacttc atgggaaata gatggggaaa cagtggaaac agtgtcagac 6060
274 tttatttttc tgggctccaa aatcactaca aatggtgact gcagccatga aattaaaaga 6120
276 tgcttactcc ttggaaggaa agttatgacc aacctagata gcataattgaa aagcagagac 6180
278 attactttgc taacaaaggt ccatctagtc aaggctatgg tttttcctgt ggtcatgtat 6240
280 ggatgtgaga gttggactgt gaagaaagct gagtgcgcaa gaattgatgc ttttgaactg 6300
282 tgggtgttga gaagactctt gagagtccct tggactgcaa ggagatccaa ccagtccatt 6360
284 ctgaaggaga tcagccctgg gatttctttg gaaggaatga tgctaaagct gaaactccag 6420
286 tactttggcc acctcatgtg aagagctgac tcattggaaa agactctgat gctgggaggg 6480
288 attgggggca ggaggagaag ggggcgacag aggatgagat ggctggatgg catcactgac 6540
290 tcaatggacg tgagtctgtg tgaactctgg gagttggtga tggacaggga ggcctggcgt 6600
292 gctttgattc atggggtcac aaagagtcgg acacgactga gcgactgatc tgtctctctc 6660
294 ttactagcat gtgtctcttc ctttttttgc cacatcatca aactcctggc aaacttcaca 6720
296 ttaataacat ttgggagctt ccagaatgca aacagtgaia ccattaatgt tttttgggaa 6780
E--> 297 E-box (4) ? invalid - delete
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E--> 308 ggttccctact gctggtgaac cttgctgctc cgaagccata ggaagggtgc aaatcccggc 7140
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E--> 318 gtgcattttc gtttttaaat atctttattt aatacgtact gctaattctt caacatttgg 7440
E--> 320 ttcacaacca aaaggcccta ttaactggaa gccctgaatg aagcttacat aacacacatt 7500
E--> 322 gtttttctat gaggaaaaat ttttccttca gtccctgccac agccttcttg cttaaaaattg 7560
E--> 324 tggacaaaat atacataaca tgaaactgac tattatttaa ctgattttaa ctgtacagtt 7620
E--> 326 cagtggcatt aagtacactt accttgctgt ggaactatga tcaacattca tctctagaac 7680
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E--> 332 tgcctaggaa cacagccctt caacactacg cttggggggc actgtaagca acaggatcac 7860
E--> 334 tccctaccgc caccaatgc acacaaaaat ataaaaagca tgggtggcata tgcattgcaa 7920
E--> 335 E-box (3) delete
E--> 336 aaaggggtgct tgctaagtat gagggctgaa acaaggcaga gaattgacta ggttgacctc 7980
E--> 338 agctggggtc ctgtgtgttg gaagcctcaa attttccatt gttctgtgca tacgcacaaa 8040
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E--> 344 gtttccctta ttccaggcag taaggagaaa gcgctcacag ggctgcctta caccatttta 8220
E--> 346 ctagagagct agcctatgtc agtcggtagc tggcaattac aaactgaagc agttctagtt 8280

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/743,312

DATE: 08/01/2001

TIME: 18:47:25

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\08012001\I743312.raw

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E--> 348 catgtggagg atgaatttaa ccataatctc aacccccctct gcatgaaaca gagactaagt 8340
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E--> 352 tgtattattg aattacatgc ccccaacact ctatgaggaa gctgaagggt agagaagtat 8460
E--> 354 ctcattcatt attacacagt ggcaaaactga gatctgaact caggtctatc caactccagg 8520
E--> 356 acctgagatc ccaattgcta cacaattcta atcaagttaa aagggaaaaa ggatttgatt 8580
E--> 358 tgctcagaag tgtatagggg catatgttac aattataaca ttacaaagat ttatatgttg 8640
E--> 360 aaaaataaat ttatcaaaca aataaaactt tataagcctg atctaatact gctccgcaac 8700
E--> 362 aaagactatc tgaaatccct cagggcatct ggtttggtgc tggttttcct taatctttaa 8760
E--> 364 tgatgggcaa atctaattgca ttatgtaagg ccattttttc tcaagagatg tagatacctc 8820
E--> 366 ttaagaatgt gatgaaaatg cattaacttt tcaggctact gagttgcatt ttagtgact 8880
E--> 368 gaggcagtaa attagtgtac aatgtgcgaa agtagtgacc taaaaaataa atatttgata 8940
E--> 370 tgaaccactg cactctcttg gggaaaaaag taatggatta actctcttag gaggcttag 9000
E--> 372 cttcccccac agtagtagga aaaataaatc tcctgtggcc tggaaacagc ttctgtttct 9060
E--> 374 tgctggctat atttgtttag gtttttaata gttcatttga ttagaccttg tggctcccaa 9120
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E--> 384 ctgtgttcac aatgctccga tataatttac agagggtaga taactacatt tttttctttt 9420
E--> 386 accactggaa ggctgaggaa aactttgtta cccatcataa aattcactat cttctaagtc 9480
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E--> 390 aaacacatcc tctgagcaat attaactctg aacttttagga taggaagtaa cttaatacta 9600
E--> 392 gtcaattgaa actgaaatac aattttcata tgaataaaag atattattta aaagtaattc 9660
E--> 394 catgagcaat ttaataattaa agtaggattt tcattatgtg ttaagaatgt attcagggaa 9720
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E--> 400 aataaaatta tttttacttc aaatgcttac ttaaatagta taaaatcatt ttattttctg 9900
E--> 401
E--> 402 agggaaaaagc atatcaactt ttttaagtatg aagtgtaaat taagatttat tcacttaaatt 9960
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E--> 409
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419 Met Gln Lys Leu Gln Ile Ser Val Tyr Ile
420 1 5 10
E--> 422 tac cta ttt atg ctg att gtt gct ggc cca gtg gat ctg aat gag aac 10480
423 Tyr Leu Phe Met Leu Ile Val Ala Gly Pro Val Asp Leu Asn Glu Asn
424 15 20 25
E--> 426 agc gag cag aag 10492
427 Ser Glu Gln Lys
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MEF2-site

E-box (2)

E-box (1)

Delete

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/743,312

DATE: 08/01/2001

TIME: 18:47:26

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\08012001\I743312.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number
L:297 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:6787 SEQ:1
L:297 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:7
L:298 M:254 E: No. of Bases conflict, LENGTH:Input:6840 Counted:6847 SEQ:1
L:300 M:254 E: No. of Bases conflict, LENGTH:Input:6900 Counted:6907 SEQ:1
L:302 M:254 E: No. of Bases conflict, LENGTH:Input:6960 Counted:6967 SEQ:1
L:304 M:254 E: No. of Bases conflict, LENGTH:Input:7020 Counted:7027 SEQ:1
L:306 M:254 E: No. of Bases conflict, LENGTH:Input:7080 Counted:7087 SEQ:1
L:308 M:254 E: No. of Bases conflict, LENGTH:Input:7140 Counted:7147 SEQ:1
L:310 M:254 E: No. of Bases conflict, LENGTH:Input:7200 Counted:7207 SEQ:1
L:312 M:254 E: No. of Bases conflict, LENGTH:Input:7260 Counted:7267 SEQ:1
L:314 M:254 E: No. of Bases conflict, LENGTH:Input:7320 Counted:7327 SEQ:1
L:316 M:254 E: No. of Bases conflict, LENGTH:Input:7380 Counted:7387 SEQ:1
L:318 M:254 E: No. of Bases conflict, LENGTH:Input:7440 Counted:7447 SEQ:1
L:320 M:254 E: No. of Bases conflict, LENGTH:Input:7500 Counted:7507 SEQ:1
L:322 M:254 E: No. of Bases conflict, LENGTH:Input:7560 Counted:7567 SEQ:1
L:324 M:254 E: No. of Bases conflict, LENGTH:Input:7620 Counted:7627 SEQ:1
L:326 M:254 E: No. of Bases conflict, LENGTH:Input:7680 Counted:7687 SEQ:1
L:328 M:254 E: No. of Bases conflict, LENGTH:Input:7740 Counted:7747 SEQ:1
L:330 M:254 E: No. of Bases conflict, LENGTH:Input:7800 Counted:7807 SEQ:1
L:332 M:254 E: No. of Bases conflict, LENGTH:Input:7860 Counted:7867 SEQ:1
L:334 M:254 E: No. of Bases conflict, LENGTH:Input:7920 Counted:7927 SEQ:1
L:335 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:7934 SEQ:1
L:335 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:7
L:336 M:254 E: No. of Bases conflict, LENGTH:Input:7980 Counted:7994 SEQ:1
L:338 M:254 E: No. of Bases conflict, LENGTH:Input:8040 Counted:8054 SEQ:1
L:340 M:254 E: No. of Bases conflict, LENGTH:Input:8100 Counted:8114 SEQ:1
L:342 M:254 E: No. of Bases conflict, LENGTH:Input:8160 Counted:8174 SEQ:1
L:344 M:254 E: No. of Bases conflict, LENGTH:Input:8220 Counted:8234 SEQ:1
L:346 M:254 E: No. of Bases conflict, LENGTH:Input:8280 Counted:8294 SEQ:1
L:348 M:254 E: No. of Bases conflict, LENGTH:Input:8340 Counted:8354 SEQ:1
L:350 M:254 E: No. of Bases conflict, LENGTH:Input:8400 Counted:8414 SEQ:1
L:352 M:254 E: No. of Bases conflict, LENGTH:Input:8460 Counted:8474 SEQ:1
L:354 M:254 E: No. of Bases conflict, LENGTH:Input:8520 Counted:8534 SEQ:1
L:356 M:254 E: No. of Bases conflict, LENGTH:Input:8580 Counted:8594 SEQ:1
L:358 M:254 E: No. of Bases conflict, LENGTH:Input:8640 Counted:8654 SEQ:1
L:360 M:254 E: No. of Bases conflict, LENGTH:Input:8700 Counted:8714 SEQ:1
L:362 M:254 E: No. of Bases conflict, LENGTH:Input:8760 Counted:8774 SEQ:1
L:364 M:254 E: No. of Bases conflict, LENGTH:Input:8820 Counted:8834 SEQ:1
L:366 M:254 E: No. of Bases conflict, LENGTH:Input:8880 Counted:8894 SEQ:1
L:368 M:254 E: No. of Bases conflict, LENGTH:Input:8940 Counted:8954 SEQ:1
L:370 M:254 E: No. of Bases conflict, LENGTH:Input:9000 Counted:9014 SEQ:1
L:372 M:254 E: No. of Bases conflict, LENGTH:Input:9060 Counted:9074 SEQ:1
L:374 M:254 E: No. of Bases conflict, LENGTH:Input:9120 Counted:9134 SEQ:1
L:376 M:254 E: No. of Bases conflict, LENGTH:Input:9180 Counted:9194 SEQ:1
L:378 M:254 E: No. of Bases conflict, LENGTH:Input:9240 Counted:9254 SEQ:1
L:380 M:254 E: No. of Bases conflict, LENGTH:Input:9300 Counted:9314 SEQ:1
L:382 M:254 E: No. of Bases conflict, LENGTH:Input:9360 Counted:9374 SEQ:1

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/743,312

DATE: 08/01/2001

TIME: 18:47:26

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\08012001\I743312.raw

L:384 M:254 E: No. of Bases conflict, LENGTH:Input:9420 Counted:9434 SEQ:1
L:386 M:254 E: No. of Bases conflict, LENGTH:Input:9480 Counted:9494 SEQ:1
L:388 M:254 E: No. of Bases conflict, LENGTH:Input:9540 Counted:9554 SEQ:1
L:390 M:254 E: No. of Bases conflict, LENGTH:Input:9600 Counted:9614 SEQ:1
L:392 M:254 E: No. of Bases conflict, LENGTH:Input:9660 Counted:9674 SEQ:1
L:394 M:254 E: No. of Bases conflict, LENGTH:Input:9720 Counted:9734 SEQ:1
L:396 M:254 E: No. of Bases conflict, LENGTH:Input:9780 Counted:9794 SEQ:1
L:398 M:254 E: No. of Bases conflict, LENGTH:Input:9840 Counted:9854 SEQ:1
L:399 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
L:400 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:400 M:254 E: No. of Bases conflict, LENGTH:Input:9900 Counted:9914 SEQ:1
L:401 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:9921 SEQ:1
L:401 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:7
L:402 M:254 E: No. of Bases conflict, LENGTH:Input:9960 Counted:9981 SEQ:1
L:404 M:254 E: No. of Bases conflict, LENGTH:Input:10020 Counted:10041 SEQ:1
L:406 M:254 E: No. of Bases conflict, LENGTH:Input:10080 Counted:10101 SEQ:1
L:408 M:254 E: No. of Bases conflict, LENGTH:Input:10140 Counted:10161 SEQ:1
L:409 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:10168 SEQ:1
L:409 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:7
L:410 M:254 E: No. of Bases conflict, LENGTH:Input:10200 Counted:10228 SEQ:1
L:412 M:254 E: No. of Bases conflict, LENGTH:Input:10260 Counted:10288 SEQ:1
L:414 M:254 E: No. of Bases conflict, LENGTH:Input:10320 Counted:10348 SEQ:1
L:416 M:254 E: No. of Bases conflict, LENGTH:Input:10380 Counted:10408 SEQ:1
L:418 M:254 E: No. of Bases conflict, LENGTH:Input:10432 Counted:10460 SEQ:1
L:422 M:254 E: No. of Bases conflict, LENGTH:Input:10480 Counted:10508 SEQ:1
L:426 M:254 E: No. of Bases conflict, LENGTH:Input:10492 Counted:10520 SEQ:1
L:428 M:252 E: No. of Seq. differs, <211>LENGTH:Input:10492 Found:10520 SEQ:1



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT
United States Patent and Trademark Office
Washington, D.C. 20231
www.uspto.gov

U.S. APPLICATION NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/743312	BASS	1029.65061

GREER, BURNS & CRAIN
300 S WACKER DR
25TH FLOOR
CHICAGO, IL 60606

INTERNATIONAL APPLICATION NO.

PCT/NZ99/00107

I.A. FILING DATE	PRIORITY DATE
07 JUL 99	07 JUL 98

DATE MAILED:

18 SEP 2001

NOTIFICATION OF A DEFECTIVE RESPONSE

1. ☐ The request for an extension of time (37 CFR 1.136(c)) filed _____ is defective because the required fee is missing/insufficient. Extension of time fees are listed at 37 CFR 1.17(a)(1)-(a)(5).
2. ☐ Applicant's response filed _____ was received in the Office after the expiration of the period for response set in the Office notification mailed _____. This application will become abandoned unless applicant obtains an extension of time to reply to the last Office notification under 37 CFR 1.136(a).
3. ☒ Applicant's response filed 02 JUL 2001 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS (Form PCT/DO/EO/905) mailed 22 MAY 2001 have not been completed.

- ☐ Translation of the international application into English.
☐ which is defective for the reasons indicated on the attached Notice of Defective Translation.
- ☐ Processing fee (37 CFR 1.492(f)).
- ☐ Oath or Declaration of inventors(s).
☐ not in compliance with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.
- ☐ Surcharge (37 CFR 1.492(e)).
- ☒ Sequence Listing.
☒ not in compliance with 37 CFR 1.821-1.825 for the reasons indicated on the attached PCT/DO/EO/920.
- ☐ Additional claim fees.

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements (Form DO/EO/905), whichever is the longer. No extension of this time limit may be granted under 37 C.F.R. § 1.136, but the period for response set in the Notification of Missing Requirements (Form DO/EO/905) may be extended under 37 C.F.R. § 1.136(a).

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

Enclosed: ☐ PCT/DO/EO/917 ☐ Notice of Defective Translation
☐ PCT/DO/EO/920

Anita D. Johnson

Telephone: 703-305-3661

FORM PCT/DO/EO/916 (March 2001)

01 SEP 24 AM 9:17
GREER, BURNS & CRAIN, LLC



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT
United States Patent and Trademark Office
Washington, D.C. 20231
www.uspto.gov

U.S. APPLICATION NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/743312	BASS	1029.65061

GREER, BURNS & CRAIN
300 S WACKER DR
25TH FLOOR
CHICAGO, IL 60606

INTERNATIONAL APPLICATION NO.

PCT/NZ99/00107

I.A. FILING DATE

07 JUL 99

PRIORITY DATE

07 JUL 98

DATE MAILED:

18 SEP 2001

**NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS
CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE
DISCLOSURES**

Applicant has submitted papers under 35 U.S.C. 371 to enter the national stage in the United States of America. The items indicated below, however, are missing. The period within which to correct the deficiency noted below and avoid abandonment is set forth in the accompanying Notification.

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):

- ☒ The application fails to comply with the requirements of 37 CFR 1.821-1.825.
- ☐ This application does not contain, a "Sequence Listing" as a separate part of the disclosure on paper copy or compact disc, as required by 37 CFR 1.821(c).
- ☐ A copy of the "Sequence Listing" in computer readable format has not been submitted as required by 37 CFR 1.821(e).
- ☒ A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."
- ☐ The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).
- ☐ The paper copy or compact disc of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e).
- ☐ Other: _____

APPLICANT MUST PROVIDE:

- ☒ An initial or substitute computer readable form (CRF) of the "Sequence Listing."
- ☐ An initial or substitute paper copy or compact disc of the "Sequence Listing," as well as an amendment directing its entry into the specification.
- ☒ A statement that the contents of the paper or compact disc and the computer readable form are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b) or 1.825(d).

FOR QUESTIONS REGARDING COMPLIANCE WITH THESE REQUIREMENTS, PLEASE
CALL:

(703) 308-4216, for Rules interpretation,
(703) 308-4212, for CRF submission help,
(703) 287-0200, for PatentIn software help.

Anita D. Johnson

Telephone: 703-305-3661

FORM PCT/DO/EO/920 (March 2001)

